

RAW SEQUENCE LISTING

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Application Serial Number: 10/077,137A
Source: 1Fw16
Date Processed by STIC: 6/20/06

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IFW16

RAW SEQUENCE LISTING

DATE: 06/20/2006

PATENT APPLICATION: US/10/077,137A

TIME: 16:00:35

Input Set: N:\10077137 Sequence Listing.txt

Output Set: N:\CRF4\06202006\J077137A.raw

3 <110> APPLICANT: MACKAY, FABIENNE
 4 BROWNING, JEFFREY
 5 AMBROSE, CHRISTINE
 6 TSCHOPP, JURG
 7 SCHNEIDER, PASCAL
 8 THOMPSON, JEFFREY
 10 <120> TITLE OF INVENTION: BAFF RECEPTOR (BCMA), AN IMMUNOREGULATORY AGENT
 12 <130> FILE REFERENCE: 08201.0027
 14 <140> CURRENT APPLICATION NUMBER: 10/077,137A
 15 <141> CURRENT FILING DATE: 2005-02-15
 17 <150> PRIOR APPLICATION NUMBER: PCT/US00/22507
 18 <151> PRIOR FILING DATE: 2000-08-16
 20 <150> PRIOR APPLICATION NUMBER: 60/149,378
 21 <151> PRIOR FILING DATE: 1999-08-17
 23 <150> PRIOR APPLICATION NUMBER: 60/181,684
 24 <151> PRIOR FILING DATE: 2000-02-11
 26 <150> PRIOR APPLICATION NUMBER: 60/183,536
 27 <151> PRIOR FILING DATE: 2000-02-18
 29 <160> NUMBER OF SEQ ID NOS: 9
 31 <170> SOFTWARE: PatentIn Ver. 3.3
 33 <210> SEQ ID NO: 1
 34 <211> LENGTH: 184
 35 <212> TYPE: PRT
 36 <213> ORGANISM: Homo sapiens
 38 <400> SEQUENCE: 1
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 42 Leu Leu His Ala Cys Ile Pro Cys Gln Leu Arg Cys Ser Ser Asn Thr
 43 20 25 30
 45 Pro Pro Leu Thr Cys Gln Arg Tyr Cys Asn Ala Ser Val Thr Asn Ser
 46 35 40 45
 48 Val Lys Gly Thr Asn Ala Ile Leu Trp Thr Cys Leu Gly Leu Ser Leu
 49 50 55 60
 51 Ile Ile Ser Leu Ala Val Phe Val Leu Met Phe Leu Leu Arg Lys Ile
 52 65 70 75 80
 54 Ser Ser Glu Pro Leu Lys Asp Glu Phe Lys Asn Thr Gly Ser Gly Leu
 55 85 90 95
 57 Leu Gly Met Ala Asn Ile Asp Leu Glu Lys Ser Arg Thr Gly Asp Glu
 58 100 105 110
 60 Ile Ile Leu Pro Arg Gly Leu Glu Tyr Thr Val Glu Glu Cys Thr Cys
 61 115 120 125
 63 Glu Asp Cys Ile Lys Ser Lys Pro Lys Val Asp Ser Asp His Cys Phe
 64 130 135 140

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66 Pro Leu Pro Ala Met Glu Glu Gly Ala Thr Ile Leu Val Thr Thr Lys
67 145                      150                      155                      160
69 Thr Asn Asp Tyr Cys Lys Ser Leu Pro Ala Ala Leu Ser Ala Thr Glu
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72 Ile Glu Lys Ser Ile Ser Ala Arg
73                      180
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77 <211> LENGTH: 552
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79 <213> ORGANISM: Homo sapiens
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83 tgcatacctt gtcaacttcg atgttcttct aatactcctc ctctaacatg tcaggttatt 120
84 gtaatgcaag tgtgaccaat tcagtgaag gaacgaatgc gattctctgg acctgtttgg 180
85 gactgagctt aataatttct ttggcagttt tcgtgctaata gtttttgcta aggaagataa 240
86 gctctgaacc attaaaggac gagtttaaaa acacaggatc aggtctcctg ggcattggta 300
87 acattgacct ggaaaagagc aggactggtg atgaaattat tctccgagag gcctcgagta 360
88 cacggtggaa gaatgcacct gtgaagactg catcaagagc aaaccgaagg tcgactctga 420
89 ccattgcttt ccactccag ctatggagaa aggcgcaacc attctctcac caaataaacg 480
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91 tctgctaggt aa                                     552
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95 <211> LENGTH: 207
96 <212> TYPE: PRT
97 <213> ORGANISM: Homo sapiens
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104                      20                      25                      30
106 Asp Ser Leu Asp Val Thr Met Leu Gln Met Ala Gly Gln Cys Ser Gln
107                      35                      40                      45
109 Asn Glu Tyr Phe Asp Ser Leu Leu His Ala Cys Ile Pro Cys Gln Leu
110                      50                      55                      60
112 Arg Cys Ser Ser Asn Thr Pro Pro Leu Thr Cys Leu His Ala Cys Ile
113 65                      70                      75                      80
115 Pro Cys Gln Leu Arg Cys Ser Ser Asn Thr Pro Pro Leu Thr Cys Gln
116                      85                      90                      95
118 Arg Tyr Cys Asn Ala Ser Val Thr Asn Ser Val Lys Gly Gln Arg Tyr
119                      100                     105                     110
121 Cys Asn Ala Ser Val Thr Asn Ser Val Lys Gly Val Asp Lys Thr His
122                      115                     120                     125
124 Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu Gly Gly Pro Ser Val
125                      130                     135                     140
127 Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr
128 145                      150                      155                      160
130 Pro Glu Val Thr Cys Val Val Val Asp Val Ser His Glu Asp Pro Glu
131                      165                      170                      175
133 Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu Val His Asn Ala Lys

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136 Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Tyr Val Val Ser Val
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142 <212> TYPE: DNA
143 <213> ORGANISM: Homo sapiens
145 <400> SEQUENCE: 4
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148 ttgcatgctt gcataccttg tcaacttcga tgttcttcta atactcctcc tctaacatgt 180
149 cagcgttatt gtaatgcaag tgtgaccaat tcagtgaag gagtcgacaa aactcacaca 240
150 tgcccaccgt gcccagcacc tgaactcctg gggggaccgt cagtcttctt cttcccccca 300
151 aaaccaagg acaccctcat gatctcccg accctgagg tcacatgcgt ggtgggtggac 360
152 gtgagccacg aagaccctga ggtcaagttc aactggtacg tggacggcgt ggaggtgcat 420
153 aatgccaaga caaagccgcg ggaggagcag tacaacagca cgtaccgtgt ggtcagcgtc 480
154 ctcaccgtcc tgcaccagga ctggctgaat ggcaaggagt acaagtgcaa ggtctccaac 540
157 <210> SEQ ID NO: 5
158 <211> LENGTH: 140
159 <212> TYPE: PRT
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164 1 5 10 15
166 Lys Val Ser Asn Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser
167 20 25 30
169 Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro
170 35 40 45
172 Ser Arg Asp Glu Leu Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val
173 50 55 60
175 Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly
176 65 70 75 80
178 Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp
179 85 90 95
181 Gly Ser Phe Phe Lys Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln
182 100 105 110
184 Gly Asn Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His
185 115 120 125
187 Tyr Thr Gln Lys Ser Leu Ser Leu Ser Pro Gly Lys
188 130 135 140
191 <210> SEQ ID NO: 6
192 <211> LENGTH: 369
193 <212> TYPE: DNA
194 <213> ORGANISM: Homo sapiens
196 <400> SEQUENCE: 6
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198 ccacaggtgt acaccctgcc cccatcccg gatgagctga ccaagaacca ggtcagcctg 120
199 acctgcctgg tcaaaggctt ctatcccagc gacatcgccg tggagtggga gagcaatggg 180
200 cagccggaga acaactacaa gaccacgcct cccgtgttgg actccgacgg ctcttcttc 240

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201 ctctacagca agctcaccgt ggacaagagc aggtggcagc aggggaacgt cttctcatgc 300
202 tccgtgatgc atgaggctct gcacaaccac tacacgcaga agagcctctc cctgtctccc 360
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206 <210> SEQ ID NO: 7
207 <211> LENGTH: 184
208 <212> TYPE: PRT
209 <213> ORGANISM: Homo sapiens
211 <400> SEQUENCE: 7
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213 1 5 10 15
215 Leu Leu His Ala Cys Ile Pro Cys Gln Leu Arg Cys Ser Ser Asn Thr
216 20 25 30
218 Pro Pro Leu Thr Cys Gln Arg Tyr Cys Asn Ala Ser Val Thr Asn Ser
219 35 40 45
221 Val Lys Gly Thr Asn Ala Ile Leu Trp Thr Cys Leu Gly Leu Ser Leu
222 50 55 60
224 Ile Ile Ser Leu Ala Val Phe Val Leu Met Phe Leu Leu Arg Lys Ile
225 65 70 75 80
227 Ser Ser Glu Pro Leu Lys Asp Glu Phe Lys Asn Thr Gly Ser Gly Leu
228 85 90 95
230 Leu Gly Met Ala Asn Ile Asp Leu Glu Lys Ser Arg Thr Gly Asp Glu
231 100 105 110
233 Ile Ile Leu Pro Arg Gly Leu Glu Tyr Thr Val Glu Glu Cys Thr Cys
234 115 120 125
236 Glu Asp Cys Ile Lys Ser Lys Pro Lys Val Asp Ser Asp His Cys Phe
237 130 135 140
239 Pro Leu Pro Ala Met Glu Glu Gly Ala Thr Ile Leu Val Thr Thr Lys
240 145 150 155 160
242 Thr Asn Asp Tyr Cys Lys Ser Leu Pro Ala Ala Leu Ser Ala Thr Glu
243 165 170 175
245 Ile Glu Lys Ser Ile Ser Ala Arg
246 180
249 <210> SEQ ID NO: 8
250 <211> LENGTH: 995
251 <212> TYPE: DNA
252 <213> ORGANISM: Homo sapiens
254 <400> SEQUENCE: 8
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256 acacagacag cccccgtaag aaccacgaa gcaggcgaag ttcattgttc tcaacattct 120
257 agctgctctt gctgcatttg ctctggaatt cttgtagaga tattacttgt ccttccaggc 180
258 tggtctttct gtagctccct tggtttcttt ttgtgatcat gttgcagatg gctgggcagt 240
259 gctcccaaaa tgaatatttt gacagtttgt tgcagtcttg cataccttgt caacttcgat 300
260 gttcttctaa tactcctcct ctaacatgtc agcgttattg taatgcaagt gtgaccaatt 360
261 cagtgaagg aacgaatgag attctctgga cctgtttggg actgagctta ataatttctt 420
262 tggcagtttt cgtgctaatt tttttgctaa ggaagataag ctctgaacca ttaaaggacg 480
263 agtttaaaaa cacaggatca ggtctcctgg gcatggctaa cattgacctg gaaaagagca 540
264 ggactggtga tgaaattatt cttccgagag gcctcgagta cacggtggaa gaatgcacct 600
265 gtgaagactg catcaagagc aaaccgaagg tcgactctga ccattgcttt cactcccag 660
266 ctatggagga aggcgcaacc attcttgtca ccacgaaaac gaatgactat tgcaagagcc 720

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267 tgccagctgc tttagtgct acggagatag agaaatcaat ttctgctagg taattaacca 780
268 ttctgactcg agcagtgcc ctttaaaaat cttttgtcag aatagatgat gtgtcagatc 840
269 tctttaggat gactgtatct ttcagttgcc gatacagctt tttgtcctct aactgtggaa 900
270 actctttatg ttagatatat ttctctaggt tactgttggg agcttaatgg tagaaacttc 960
271 cttggtttca tgattaaagt cttttttttt cctga 995
274 <210> SEQ ID NO: 9
275 <211> LENGTH: 285
276 <212> TYPE: PRT
277 <213> ORGANISM: Homo sapiens
279 <400> SEQUENCE: 9
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281 1 5 10 15
283 Lys Lys Arg Glu Glu Met Lys Leu Lys Glu Cys Val Ser Ile Leu Pro
284 20 25 30
286 Arg Lys Glu Ser Pro Ser Val Arg Ser Ser Lys Asp Gly Lys Leu Leu
287 35 40 45
289 Ala Ala Thr Leu Leu Leu Ala Leu Leu Ser Cys Cys Leu Thr Val Val
290 50 55 60
292 Ser Phe Tyr Gln Val Ala Ala Leu Gln Gly Asp Leu Ala Ser Leu Arg
293 65 70 75 80
295 Ala Glu Leu Gln Gly His His Ala Glu Lys Leu Pro Ala Gly Ala Gly
296 85 90 95
298 Ala Pro Lys Ala Gly Leu Glu Glu Ala Pro Ala Val Thr Ala Gly Leu
299 100 105 110
301 Lys Ile Phe Glu Pro Pro Ala Pro Gly Glu Gly Asn Ser Ser Gln Asn
302 115 120 125
304 Ser Arg Asn Lys Arg Ala Val Gln Gly Pro Glu Glu Thr Val Thr Gln
305 130 135 140
307 Asp Cys Leu Gln Leu Ile Ala Asp Ser Glu Thr Pro Thr Ile Gln Lys
308 145 150 155 160
310 Gly Ser Tyr Thr Phe Val Pro Trp Leu Leu Ser Phe Lys Arg Gly Ser
311 165 170 175
313 Ala Leu Glu Glu Lys Glu Asn Lys Ile Leu Val Lys Glu Thr Gly Tyr
314 180 185 190
316 Phe Phe Ile Tyr Gly Gln Val Leu Tyr Thr Asp Lys Thr Tyr Ala Met
317 195 200 205
319 Gly His Leu Ile Gln Arg Lys Lys Val His Val Phe Gly Asp Glu Leu
320 210 215 220
322 Ser Leu Val Thr Leu Phe Arg Cys Ile Gln Asn Met Pro Glu Thr Leu
323 225 230 235 240
325 Pro Asn Asn Ser Cys Tyr Ser Ala Gly Ile Ala Lys Leu Glu Glu Gly
326 245 250 255
328 Asp Glu Leu Gln Leu Ala Ile Pro Arg Glu Asn Ala Gln Ile Ser Leu
329 260 265 270
331 Asp Gly Asp Val Thr Phe Phe Gly Ala Leu Lys Leu Leu
332 275 280 285

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VERIFICATION SUMMARY

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TIME: 16:00:36

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